

# UAB Faculty Onboarding – Research Resources Guidebook

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## Important things to know

- <http://www.uab.edu/faculty/resources/new-faculty> This link contains general information regarding new faculty at UAB and how to go about getting an ID card, parking permits, building access etc. as well as various introductory videos.
- **Training:** Be advised that no research training can be done without a BlazerID and password, therefore it is essential to have department/division staff members provide this as soon as possible.
- **Training:** Online research training is a central part of the onboarding process for research faculty. The approval process for most administrative research units at UAB (IRB, IACUC, OH&S etc.) require all faculty and members of their labs/research teams to undergo training that is pertinent to UAB. Therefore, it is recommended that training be done as soon as possible *prior to* submitting research compliance protocols. To determine what training needs to be done (human subjects, animal, lab safety, chemical safety etc.), please consult the Training Decision Tree (see link listed below in the Research-associated training section).
- **Animal research and hazardous substances:** If you are conducting research in animals and it involves the administration of hazardous chemical, infectious agents or foreign substances, a separate Project Registration Form must be submitted to the OH&S Institutional Biosafety Committee (see link listed below in the OH&S section) simultaneously with the IACUC protocol (the protocols are reviewed by two separate committees). Research cannot be initiated in animals unless both are approved.  
\*\*\*Note: Any one funded grant must have an associated and similarly titled Project Registration (IBC approval), IACUC (if vertebrate animals are involved) and IRB (if human subjects are involved).
- **IACUC submission and review deadlines:** IACUC protocols have specific submission and review deadlines (see link listed below in IACUC section). The IACUC protocol is due and will be reviewed within 20 days of receipt. PI's will receive comments and questions regarding their protocol prior to the full IACUC meeting that must be addressed at least 2 days prior to the meeting in order for the protocol to be discussed.
- **IBC submission and review deadlines:** The IBC requires the Project Registration Form to be submitted by the last working day of the month for review on the last Monday of the following month. Other OH&S review committees (Radiation, Chemical Safety etc.) have different policies and meet on fewer occasions (quarterly, when needed etc.).
- **Lab safety audits:** All laboratories are required to have a safety audit and subsequent Lab Safety Plan, Chemical Safety Plan, Exposure Control Plan (if needed) (see link listed below in the OH&S section).
- **IRB submission and review deadlines:** All new IRB protocols submitted for full board review will undergo an administrative pre-review by an IRB staff member within 10 days of receipt. The outcome of this administrative review will be e-mailed to the PI. After all required revisions are complete, the protocol will be scheduled for formal review at the next available convened IRB meeting. It is strongly encouraged that PIs contact the IRB (see link for detailed contact list below in the IRB section) with

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questions prior to submission. In addition, PIs should contact the IRB within 14 days of submitting a protocol if they have not received the pre-review.

- **Material transfer agreements:** Biomedical research resources such as clinical samples, animal strains etc. that are being transferred from another institution or industry source require a Materials Transfer Agreement, whether your previous institution required this or not (see link listed below in the MTO section). The MTA must be in place prior to shipping or receiving biomedical research resources.

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<p><b>Office of the Vice President for Research and Economic Development (OVPRED, i.e. UAB Research Administration)</b></p> <ul style="list-style-type: none"> <li>The OVPRED promotes research and scholarship by faculty, staff and trainees, fosters an environment of integrity in research and scholarship and improves the quality of service of Research Administration units <ul style="list-style-type: none"> <li>Physical location: Administration Bldg, 701 20th Street S, Room 720E</li> <li>Phone: 205-934-1294</li> <li>Email: <a href="mailto:marchase@uab.edu">marchase@uab.edu</a></li> </ul> </li> </ul>	<p>OVPRED Main:  <a href="http://www.uab.edu/research/administration/Pages/Home.aspx">http://www.uab.edu/research/administration/Pages/Home.aspx</a>  OVPRED detailed contact list:  <a href="http://www.uab.edu/research/administration/about/Pages/ContactUs-OVPRED.aspx">http://www.uab.edu/research/administration/about/Pages/ContactUs-OVPRED.aspx</a></p>
<p><b>Research-associated training</b></p> <ul style="list-style-type: none"> <li>to be use for all hazardous chemical, radiation, research safety, animal and human subjects training</li> <li>The Training Decision Tree provides an extensive menu of research-related activities coupled to a Yes/No answer system to identify required training.</li> <li>The Faculty Learning System is the database of courses and tests for the actual training.</li> </ul>	<p>Training Decision Tree:  <a href="http://www.uab.edu/ohs/training">http://www.uab.edu/ohs/training</a> (Blazer ID required)  Training Decision Tree PDF:  <a href="http://www.uab.edu/research/administration/training/Documents/Training%20Diagram11_09_12.pdf">http://www.uab.edu/research/administration/training/Documents/Training%20Diagram11_09_12.pdf</a>  Faculty Learning System:  <a href="http://www.uab.edu/ohs/training/staff-learning">http://www.uab.edu/ohs/training/staff-learning</a>  <a href="http://www.uab.edu/learningsystem/">http://www.uab.edu/learningsystem/</a> (Blazer ID required)</p>

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## Animal Research

- The ARP provides information regarding animal welfare, ARP staff contacts, billing and procurement, importing animals and health surveillance, pharmaceuticals and animal-associated core facilities.
  - Physical location: Research Support Bldg, 1720 2nd Ave S, Room 220-N and 220-P
  - Phone: 205-934-8213 or 205-996-4078
  - Email: [sbartee@uab.edu](mailto:sbartee@uab.edu)
  - Specific contact: Sam Cartner, Assistant VP, Animal Research Services Program Director, [scartner@uab.edu](mailto:scartner@uab.edu), 205-934-8213
- The IACUC oversees the use of animals for research, teaching, and testing conducted at or by UAB.
  - Physical location: Community Health Bldg, 933 20th St S, Room 403
  - Phone: 205-934-7692 or 205-934-7880
  - Email: [iacuc@uab.edu](mailto:iacuc@uab.edu)
  - Specific contact: David Cannon, Director of IACUC, [dgcannon@uab.edu](mailto:dgcannon@uab.edu), 205-934-7847
- Animal per diem costs:  
<http://www.uab.edu/research/administration/offices/ARP/Documents/Website%20Per%20Diem%20Schedule.pdf>

## Animal Resources Program (ARP):

<http://www.uab.edu/research/administration/offices/ARP/Pages/default.aspx>

## Importing animals:

<https://web.ad.uab.edu/research/administration/offices/ARP/ProceduresInvestigators/Pages/Import-Export-Quarantine.aspx>

## Pharmacy:

<https://web.ad.uab.edu/research/administration/offices/ARP/ARP-Pharmacy/Pages/default.aspx>

## Animal Bioware (billing/procurement):

<https://web.ad.uab.edu/research/administration/offices/ARP/BillingProcurement/Pages/AnimalBioware.aspx>

## Comparative Pathology Laboratory:

<https://web.ad.uab.edu/research/administration/offices/ARP/ComparativePathology/Pages/default.aspx>

## Institutional Animal Care and Use Committee (IACUC) and associated policies:

<http://www.uab.edu/research/administration/offices/IACUC/Pages/default.aspx> and

<http://www.uab.edu/research/administration/offices/IACUC/PoliciesGuidelines/Pages/default.aspx>

## How to submit IACUC protocols:

<http://www.uab.edu/research/administration/offices/IACUC/ProtocolSubmissions/Pages/HowToSubmitProtocols.aspx>

## IACUC protocol submission and review dates:

<http://www.uab.edu/research/administration/offices/IACUC/ProtocolSubmissions/Pages/SubmissionDates.aspx>

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## Occupational Health and Safety (OH&S)

- OH&S ensures that UAB complies with occupational and environmental health and safety rules and regulations necessary to conduct research involving hazardous materials.
  - Physical location: Community Health Bldg. 930 20th St S, Room 221
  - Phone: 205-934-2487
  - Email: [smp@uab.edu](mailto:smp@uab.edu); [projects@uab.edu](mailto:projects@uab.edu); [cathyp@uab.edu](mailto:cathyp@uab.edu)
  - Specific contacts: All OH&S – Max Richard, Assistant VP for OH&S, [mrichard@uab.edu](mailto:mrichard@uab.edu), 205-934-7414; Research Safety – Elaine Brossard, Executive Director, [eeb@uab.edu](mailto:eeb@uab.edu), 205-975-9515; IBC – Donna Williamson, Director, [dsw@uab.edu](mailto:dsw@uab.edu), 205-934-4752

OH&S main: <http://www.uab.edu/ohs/>

OH&S detailed services list: <http://www.uab.edu/ohs/services>

OH&S Radioisotope and Radiation Safety Committee (RRSC): <http://www.uab.edu/ohs/radioisotope-radiation-safety>

OH&S detailed list of lab safety guidelines and process for lab safety audit: <http://www.uab.edu/ohs/forms-guides-and-signs> and <http://www.uab.edu/ohs/images/docs/audits/auditinstructions.pdf>

OH&S detailed contact list: <http://www.uab.edu/ohs/departments-directory>

OH&S employee health registration (NOTE: this MUST be done for all employees working with hazardous substances, animals, etc.): <http://www.uab.edu/ohs/employee-health>

OH&S Institutional Biosafety Committee (IBC): <http://www.uab.edu/ohs/institutional-biosafety-committee>

OH&S Radioisotope and Radiation Safety Committee: <http://www.uab.edu/ohs/radioisotope-radiation-safety> and <http://www.uab.edu/ohs/radioisotope-radiation-safety/subcommittee-for-human-use>

OH&S Chemical Safety and Environmental Management Committee: <http://www.uab.edu/ohs/chemical-environmental-committee>

OH&S controlled substances policies and regulations: <http://www.uab.edu/ohs/controlled-substances>

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<p><b>Institutional Review Board (IRB)</b></p> <ul style="list-style-type: none"> <li>The purpose of the IRB is to help protect the rights and welfare of human participants in research conducted <ul style="list-style-type: none"> <li>Physical location: Administration Bldg, 1720 2nd Avenue South, Room 470</li> <li>Phone: 205-934-3789</li> <li>Email: <a href="mailto:irb@uab.edu">irb@uab.edu</a></li> <li>Specific contact: Jonathan Miller, Director, <a href="mailto:jonathanm@uab.edu">jonathanm@uab.edu</a>, 205-975-3919</li> </ul> </li> </ul>	<p>IRB main: <a href="http://www.uab.edu/research/administration/offices/IRB/Pages/Home.aspx">http://www.uab.edu/research/administration/offices/IRB/Pages/Home.aspx</a></p> <p>IRB policies and procedures (guidebook): <a href="http://www.uab.edu/research/administration/offices/IRB/guidebook/Pages/default.aspx">http://www.uab.edu/research/administration/offices/IRB/guidebook/Pages/default.aspx</a></p> <p>Initial IRB training: <a href="http://www.uab.edu/research/administration/offices/IRB/Training/Pages/InitialIRBTraining.aspx">http://www.uab.edu/research/administration/offices/IRB/Training/Pages/InitialIRBTraining.aspx</a></p> <p>IRB detailed contact list: <a href="http://www.uab.edu/research/administration/offices/IRB/Contacts/Pages/default.aspx">http://www.uab.edu/research/administration/offices/IRB/Contacts/Pages/default.aspx</a></p>
<p><b>Conflict of Interest Review Board (CIRB)</b></p> <ul style="list-style-type: none"> <li>The CIRB is responsible for the ongoing development of procedures for identifying, reviewing, and managing conflicts of interest (COI) as they relate to sponsored research <ul style="list-style-type: none"> <li>Physical location: Administration Bldg, 1720 2nd Avenue South, Room 719</li> <li>Phone: 205-975-9691</li> <li>Email: <a href="mailto:cirb@uab.edu">cirb@uab.edu</a></li> <li>Specific contact: J. Michael Wyss, Chair, <a href="mailto:jmwyss@uab.edu">jmwyss@uab.edu</a>, 205-934-9691</li> </ul> </li> </ul>	<p>CIRB How-Tos: <a href="http://www.uab.edu/research/administration/offices/CIRB/HowTo/Pages/default.aspx">http://www.uab.edu/research/administration/offices/CIRB/HowTo/Pages/default.aspx</a></p> <p>CIRB Training (conflict of interest): <a href="http://www.uab.edu/research/administration/offices/CIRB/Education/Pages/default.aspx">http://www.uab.edu/research/administration/offices/CIRB/Education/Pages/default.aspx</a></p> <p>UAB Compliance Office: <a href="http://www.uab.edu/compliance/">http://www.uab.edu/compliance/</a></p>

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<b>Materials Transfer Office (MTO)</b> <ul style="list-style-type: none"><li>• This office processes Material Transfer Agreements (MTA), which addresses ownership of the transferred materials or research tools as well as any modifications or derivatives. The agreement also addresses limitations on the use of the material, confidentiality of information related to the materials, liability, publication rights, rights to inventions and research results, and other conditions of receipt or use.<ul style="list-style-type: none"><li>○ Physical location: Administration Bldg, 1720 2nd Avenue South, Room 770</li><li>○ Phone: 205-934-4591</li><li>○ Email: <a href="mailto:joybruce@uab.edu">joybruce@uab.edu</a></li><li>○ <u>Specific contact:</u> Hayes Lowe, Manager, <a href="mailto:halowe@uab.edu">halowe@uab.edu</a>, 205-975-0843</li></ul></li></ul>	<p>MTO Main: <a href="http://www.uab.edu/research/administration/offices/MTO/Pages/default.aspx">http://www.uab.edu/research/administration/offices/MTO/Pages/default.aspx</a></p> <p>Creating MTAs link: <a href="http://www.uab.edu/research/administration/offices/MTO/Pages/Steps-to-Creating-and-Submitting-a-Material-Transfer-Request.aspx">http://www.uab.edu/research/administration/offices/MTO/Pages/Steps-to-Creating-and-Submitting-a-Material-Transfer-Request.aspx</a></p> <p>MTA Handbook: <a href="https://web.ad.uab.edu/era/presentations/Training%20documents/MaterialTransferRequestPortalHandbook.pdf">https://web.ad.uab.edu/era/presentations/Training%20documents/MaterialTransferRequestPortalHandbook.pdf</a> (Blazer ID required)</p>
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## Integrated Research Administration Portal (IRAP) and SPIN/SMARTS

- IRAP is the idea of a single portal where research administration units, investigators and departmental individuals can go to access their research information.
- The IRAP currently offers e-Reports from OSP, which is a searchable database of all externally funded projects at UAB (by Keyword, PI, School, Department/Division etc.) as well as a searchable database of all MTAs.
- SPIN/SMARTS (The SPIN Matching And Research Transmittal Service) is an InfoEd-supported searchable database of funding opportunities from over 10,000 global sponsors that can perform user-defined keyword-based searches and send relevant funding opportunities via email.
  - Physical location: Administration Bldg, 701 20<sup>th</sup> Street S, Room 720C
  - Phone: 205-934-0693
  - Email: [mmoran@uab.edu](mailto:mmoran@uab.edu)
  - Specific contact: Laretta Gerrity, Sr. Associate VP, [lw@uab.edu](mailto:lw@uab.edu), 205-934-7677

IRAP home: <http://www.uab.edu/era/Pages/Home.aspx>

IRAP Timeline for additional functions:

<http://www.uab.edu/era/about/Pages/Timeline.aspx>

Main IRAP Log-In: <https://irap.uab.edu/main.asp>

Training on how to use IRAP:

<https://web.ad.uab.edu/era/presentations/Pages/training.aspx>

SPIN/SMARTS set-up:

<https://irap.uab.edu/WebPortal/que.asp?Stat=Open> (Blazer ID required)

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<b>Office of Sponsored Programs (OSP)</b> <ul style="list-style-type: none"><li>• The OSP assists UAB’s faculty and staff in their efforts to secure and fulfill extramurally sponsored programs by performing pre-award and non-financial post-award administration.<ul style="list-style-type: none"><li>○ Physical location: Administration Bldg, 701 20<sup>th</sup> Street S, Room 1170</li><li>○ Phone: 205-934-5266</li><li>○ Email: <a href="mailto:osp@uab.edu">osp@uab.edu</a></li><li>○ <u>Specific contact:</u> Lynn Stedman, Director, <a href="mailto:Stedman@uab.edu">Stedman@uab.edu</a>, 205-975-8169</li></ul></li></ul>	OSP Main: <a href="https://www.uab.edu/osp/">https://www.uab.edu/osp/</a> OSP Research’s Toolkit: <a href="https://www.uab.edu/osp/researcher-s-toolkit">https://www.uab.edu/osp/researcher-s-toolkit</a> OSP Detailed Staff List and Assignments by School, Area or Name: <a href="https://www.uab.edu/osp/contact-information/osp-staff-responsibilities">https://www.uab.edu/osp/contact-information/osp-staff-responsibilities</a> and <a href="http://www.uab.edu/osp/images/OSP_PDF/Staff_Work_Distribution.pdf">http://www.uab.edu/osp/images/OSP_PDF/Staff_Work_Distribution.pdf</a> OSP proposal review plan <a href="https://www.uab.edu/osp/images/OSP_PDF/OSP_Review_Plan.pdf">https://www.uab.edu/osp/images/OSP_PDF/OSP_Review_Plan.pdf</a> UAB fringe rates: <a href="https://www.uab.edu/osp/gettingstarted/171-fringes">https://www.uab.edu/osp/gettingstarted/171-fringes</a>
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<p><b>University-Wide Interdisciplinary Research Centers (UWIRCS) and Core Facilities</b></p> <ul style="list-style-type: none"> <li>The University-Wide Interdisciplinary Research Centers (UWIRC) program was conceived in 1995 and implemented with initial funding in 1997 for ten “full” centers and 7 “pilot” centers. Since its inception, this program has played a major role in promoting interdisciplinary, cross-institutional collaboration at UAB.</li> <li>Membership includes substantive involvement of faculty from multiple schools, provides resources for support of University's research infrastructure, has a financial base for support of Center/Core activities, provides leadership/coordination for the integration of research and service (translational research) and provides management and planning to facilitate acquisition of external research support</li> <li><u>Specific contact:</u> Kent Keyser, Assistant VP, <a href="mailto:ktkeyser@uab.edu">ktkeyser@uab.edu</a>, 205-934-7757</li> </ul>	<p>Current UWIRCS:</p> <p><a href="http://www.uab.edu/research/administration/CentersCores/Pages/UWIRCSbyTitle.aspx">http://www.uab.edu/research/administration/CentersCores/Pages/UWIRCSbyTitle.aspx</a></p> <p>Comprehensive list of all UAB Core Facilities:</p> <p><a href="http://www.uab.edu/research/administration/CentersCores/Pages/CoresbyTitle.aspx">http://www.uab.edu/research/administration/CentersCores/Pages/CoresbyTitle.aspx</a></p>
<p><b>Alabama Drug Discovery Alliance</b></p> <ul style="list-style-type: none"> <li>ADDA's objective is to facilitate drug discovery and development utilizing the resources at UAB and the Southern Research Institute (SRI). These resources include molecular target identification, high through-put screening, three dimensional structure of targets, iterative medicinal chemistry advanced with in silico screening, preclinical toxicology and absorption, distribution, metabolism and excretion analysis. <ul style="list-style-type: none"> <li>Physical location: Community Health Bldg., 1600 7th Avenue South, R00m 303</li> <li>Phone: 205-934-2973 Email: <a href="mailto:adda@uab.edu">adda@uab.edu</a></li> <li><u>Specific contacts:</u> Maaike Everts, Assistant Director, <a href="mailto:maaike@uab.edu">maaike@uab.edu</a></li> </ul> </li> </ul>	<p>ADDA Main: <a href="https://www.uab.edu/medicine/adda/">https://www.uab.edu/medicine/adda/</a></p> <p>ADA Resources: <a href="https://www.uab.edu/medicine/adda/resources-collaborators">https://www.uab.edu/medicine/adda/resources-collaborators</a></p> <p>Southern Research Institute: <a href="http://www.southernresearch.org/">http://www.southernresearch.org/</a></p> <p>ADDA drug discovery and current pipeline: <a href="https://www.uab.edu/medicine/adda/drug-discovery">https://www.uab.edu/medicine/adda/drug-discovery</a> and <a href="https://www.uab.edu/medicine/adda/images/ADDA%20Pipeline%20targets%20and%20diseases%202014%20Sep.pdf">https://www.uab.edu/medicine/adda/images/ADDA%20Pipeline%20targets%20and%20diseases%202014%20Sep.pdf</a></p>

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<p><b>Center for Clinical and Translational Science (CCTS)</b></p> <ul style="list-style-type: none"> <li>• A large center funded by the NIH Clinical and Translational Science Award (CTSA) program</li> <li>• The CCTS provides: leadership and vision to advocate for improvements in the clinical and translational research environment on behalf of our communities, offers a robust clinical ecosystem embracing a culture of responsibility for the safe and ethical conduct of human subjects research, embraces high standards for data security in the provision of world-class informatics resources, supports innovative research, novel methodologies and team approaches in translational science through our Research Commons and ensures sustainability through good stewardship of resources education throughout the fabric of the enterprise <ul style="list-style-type: none"> <li>○ Physical location: Pittman Center for Advanced Medical Studies Building (PCAMS), 1924 7th Avenue South</li> <li>○ Phone: 205-934-7442</li> <li>○ Email: <a href="mailto:ccts@uab.edu">ccts@uab.edu</a></li> <li>○ <u>Specific contacts</u>: Robert Kimberly, Sr. Associate Dean, <a href="mailto:rpk@uab.edu">rpk@uab.edu</a>, 205-934-0245 or David Chaplin, Associate Dean, <a href="mailto:ddchaplin@uab.edu">ddchaplin@uab.edu</a>, 205-934-3917</li> </ul> </li> </ul>	<p>CCTS Main: <a href="http://www.uab.edu/ccts/">http://www.uab.edu/ccts/</a></p> <p>CCTS detailed contact list: <a href="http://www.uab.edu/ccts/contact-us">http://www.uab.edu/ccts/contact-us</a></p> <p>CCTS Research Commons (provides numerous research-oriented services such as grant reviews, support for biostatistical analysis, informatics and clinical services) <a href="http://www.uab.edu/ccts/researchcommons">http://www.uab.edu/ccts/researchcommons</a></p> <p>CCTS Training Academy (provides research-associated courses, professional skills and career development, Responsible Conduct of Research resources, grant writing help, T32 resources): <a href="http://www.uab.edu/ccts/training">http://www.uab.edu/ccts/training</a></p> <p>CCTS Clinical Trials Office (provides support for budgeting, regulatory aspects and recruitment): <a href="http://www.uab.edu/ccts/cto">http://www.uab.edu/ccts/cto</a></p> <p>List of CCTS partnering institutions: <a href="http://www.uab.edu/ccts/partners">http://www.uab.edu/ccts/partners</a></p> <p>CCTS detailed events calendar: <a href="http://www.uab.edu/ccts/events">http://www.uab.edu/ccts/events</a></p>
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**Institute for Innovation and Entrepreneurship (IIE)**

- The IIE brings a cross-disciplinary technology transfer and academic approach to a new, elevated level. To accomplish this, the IIE will focus on technology based economic development utilizing core academic and research strengths, combined with an experiential practicum, to ensure rapid development of new ideas, products and ground breaking technologies
  - Physical location: Administration Bldg, 701 20<sup>th</sup> Street S, Room 770
  - Phone: 205-996-7298
  - Email: [innovation@uab.edu](mailto:innovation@uab.edu)
  - Specific contact: Kathy Nugent, Director, [knugent@uab.edu](mailto:knugent@uab.edu), 205-934-7384

## Office of Industry Engagement (OIE)

- The Office of Industry Engagement is an office under the Office of the Vice President for Research and Economic Development (OVPRED) established to promote and foster all types of industry-based research, including partnerships, and collaborations, assist with on-boarding of new PI's and to work to improve institutional efficiencies.
  - Physical location: Administration Bldg, 701 20<sup>th</sup> Street S, Room 714B
  - Phone: 205-934-3980
  - Email: [fhorn@uab.edu](mailto:fhorn@uab.edu)
  - Specific contact: Jason Nichols, Assistant Vice President, [jjn@uab.edu](mailto:jjn@uab.edu), 205-934-5109

IIE Main: <http://www.uab.edu/research/innovation/>

IIE intellectual property disclosure information:  
<http://www.uab.edu/uabrf/disclose-an-invention>

IIE information for researchers:  
<http://www.uab.edu/uabrf/information-for-researchers>

UAB The Mix research blog: <http://www.uab.edu/mix/>

OIE Main:

<http://www.uab.edu/research/administration/offices/OIE/Pages/default.aspx>

Confidentiality Agreements (CDAs) and links to forms:

<http://www.uab.edu/research/administration/offices/OIE/Pages/Confidentiality-Agreements.aspx>

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<b>UAB Graduate School</b> <ul style="list-style-type: none"><li>• Offers doctoral programs in 37 areas, post-masters education specialist programs in 8 areas, and master’s level programs in 50 areas, spanning across the disciplines<ul style="list-style-type: none"><li>○ Physical location: Lister Hill Library, 1700 University Blvd. Room G03</li><li>○ Phone: 205-934-8227</li><li>○ Email: <a href="mailto:gradschool@uab.edu">gradschool@uab.edu</a></li></ul></li></ul>	<p>UAB Graduate School Main: <a href="http://www.uab.edu/graduate/">http://www.uab.edu/graduate/</a></p> <p>UAB Graduate School detailed contact list: <a href="http://www.uab.edu/graduate/contact">http://www.uab.edu/graduate/contact</a></p> <p>Graduate Program List: <a href="http://www.uab.edu/graduate/graduate-program-listing">http://www.uab.edu/graduate/graduate-program-listing</a></p> <p>Graduate faculty appointments: <a href="http://www.uab.edu/graduate/gradfaclist">http://www.uab.edu/graduate/gradfaclist</a> and <a href="http://www.uab.edu/graduate/images/acrobat/forms/gradfac/facdata.pdf">http://www.uab.edu/graduate/images/acrobat/forms/gradfac/facdata.pdf</a></p> <p>Requirements for the doctoral degree: <a href="http://www.uab.edu/graduate/graduate-faculty-and-study-committees/23-students/catalog/71-requirements-for-the-doctoral-degree">http://www.uab.edu/graduate/graduate-faculty-and-study-committees/23-students/catalog/71-requirements-for-the-doctoral-degree</a></p> <p>UAB Faculty: <a href="http://www.uab.edu/newfaculty">http://www.uab.edu/newfaculty</a> and <a href="http://www.uab.edu/faculty/">http://www.uab.edu/faculty/</a></p> <p>Individual development plan resources: <a href="http://www.uab.edu/idp/">http://www.uab.edu/idp/</a></p> <p>Graduate catalog: <a href="http://catalog.uab.edu/graduate/">http://catalog.uab.edu/graduate/</a></p>
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# UAB Faculty Onboarding – Research Resources Guidebook

## Graduate Biomedical Sciences (GBS) and Medical Scientist Training Program (MSTP)

- **GBS:** comprised of nearly 400 graduate students in eight interdisciplinary themes that integrate more than 33 departments, 20 university research centers and the affiliated drug-discovery and biotechnology institutes Southern Research and HudsonAlpha.
- **GBS Themes:** (1) Biochemistry, Structural & Stem Cell Biology, (2) Cancer Biology, (3) Cell, Molecular & Developmental Biology, (4) Genetics, Genomics & Bioinformatics, (5) Immunology, (6) Microbiology, (7) Neuroscience and (8) Pathobiology & Molecular Medicine
  - Physical location: Shelby Bldg., 1825 University Blvd. Room 120 (GBS) and 121 (MSTP)
  - Phone: 205-996-6752 (GBS), 205-934-4092 (MSTP)
  - Email: [gbs@uab.edu](mailto:gbs@uab.edu) or [mstp@uab.edu](mailto:mstp@uab.edu)
  - **Specific contacts:** GBS – Scott Austin, [scotta@uab.edu](mailto:scotta@uab.edu), 205-934-2845; MSTP – Robin Lorenz, MSTP Director, [rlorenz@uab.edu](mailto:rlorenz@uab.edu), 205-934-0676 or Randy Seay, [resay@uab.edu](mailto:resay@uab.edu), 205-934-4092

GBS Main: <http://www.uab.edu/gbs/home/>

MSTP main: <http://www.uab.edu/medicine/mstp/>

GBS Program Overview:

<http://www.uab.edu/gbs/home/prog-overview>

GBS faculty appointment:

<http://www.uab.edu/gbs/home/faculty-and-staff/gbs-grad-school-faculty-appointments/137-faculty/144-faculty-guidelines>

MSTP admissions and academic information:

<http://www.uab.edu/medicine/mstp/admissions> and

<http://www.uab.edu/medicine/mstp/academics/mstp>

Financial aspects of having a graduate student:

<http://www.uab.edu/gbs/home/financial-basics>

GBS forms: <http://www.uab.edu/gbs/home/faculty-and-staff/gbs-online-forms>

GBS Committees: <http://www.uab.edu/gbs/home/faculty-and-staff/gbs-steering-oversight-committees>

GBS Services: <http://www.uab.edu/gbs/home/gbs-office/services>

Poster printing services: <http://www.uab.edu/medicine/poster/>

# UAB Faculty Onboarding – Research Resources Guidebook

<p><b>Office of Post-doctoral Education (OPE)</b></p> <ul style="list-style-type: none"> <li>Nearly 250 postdocs are training currently in a variety of disciplines, including but not limited to engineering, medicine, natural sciences &amp; mathematics, public health, and optometry.</li> <li>The UAB Office of Postdoctoral Education and the UAB Postdoc Association work together to develop career opportunities that enhance and define the training experience for all postdoctoral scholars at UAB. Past and continuing events include: Courses in Grant Writing, Lab Management, Translational Science, &amp; Job Skills, structured programs in teaching and business entrepreneurship and awards for career enhancement, travel, grant incentives and internships. <ul style="list-style-type: none"> <li>Physical location: Shelby Bldg., 1825 University Blvd. Room 171</li> <li>Phone: 205-975-7020</li> <li>Email: <a href="mailto:postdocs@uab.edu">postdocs@uab.edu</a></li> <li>Specific contact: Lisa Schwiebert, Assistant Dean, <a href="mailto:lschwieb@uab.edu">lschwieb@uab.edu</a>, 205-934-3910</li> </ul> </li> </ul>	<p>OPE Main: <a href="http://www.uab.edu/postdocs/">http://www.uab.edu/postdocs/</a></p> <p>What the OPE can do for you:  <a href="http://www.uab.edu/postdocs/information-for-mentors/ope">http://www.uab.edu/postdocs/information-for-mentors/ope</a></p> <p>OPE information for mentors:  <a href="http://www.uab.edu/postdocs/information-for-mentors">http://www.uab.edu/postdocs/information-for-mentors</a></p> <p>UAB Mentoring Academy:  <a href="http://www.uab.edu/postdocs/uab-mentoring-academy">http://www.uab.edu/postdocs/uab-mentoring-academy</a></p> <p>Post-doc appointment process:  <a href="http://www.uab.edu/postdocs/2013-02-26-21-45-15/postdoc-appointment-process">http://www.uab.edu/postdocs/2013-02-26-21-45-15/postdoc-appointment-process</a></p>
<p><b>UAB Policies and Procedures Library</b></p> <ul style="list-style-type: none"> <li>A repository of all current university-wide policies and associated procedures related to UAB research, research environments, and corresponding requirements and regulations.</li> </ul>	<p>Research-associated policies:  <a href="http://www.uab.edu/policies/Pages/Results.aspx?k=uabPolicyUnitGroups:Research&amp;Source=http%3A%2F%2Fwww%2Euab%2Eedu%2Fpolicies%2FPages%2Fdefault%2Easpx">http://www.uab.edu/policies/Pages/Results.aspx?k=uabPolicyUnitGroups:Research&amp;Source=http%3A%2F%2Fwww%2Euab%2Eedu%2Fpolicies%2FPages%2Fdefault%2Easpx</a></p>



# UAB Faculty Onboarding – Research Resources Guidebook

<b>Additional links of interest</b>	<p><u>Accounting and Purchasing</u> Oracle Administrative Systems Training (Financial – for ordering lab supplies and reagents): <a href="http://financialaffairs.uab.edu/content.asp?id=399827">http://financialaffairs.uab.edu/content.asp?id=399827</a> and <a href="http://financialaffairs.uab.edu/content.asp?id=403030">http://financialaffairs.uab.edu/content.asp?id=403030</a></p> <p>Grants financial accounting links: <a href="http://financialaffairs.uab.edu/content.asp?id=1515465">http://financialaffairs.uab.edu/content.asp?id=1515465</a></p> <p>University Purchasing: <a href="http://financialaffairs.uab.edu/content.asp?id=194482">http://financialaffairs.uab.edu/content.asp?id=194482</a></p> <p><u>Information Technology</u> Resources for researchers: <a href="http://www.uab.edu/it/home/research-scholarship">http://www.uab.edu/it/home/research-scholarship</a></p> <p><u>Human Resources:</u> Manager’s Toolkit provides some reference for hiring new staff - <a href="http://www.uab.edu/humanresources/home/contactus/manager-s-toolkit">http://www.uab.edu/humanresources/home/contactus/manager-s-toolkit</a></p>
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# UAB Faculty Onboarding – Research Resources Guidebook

## College of Arts and Sciences Research Resources

- CAS is home to 19 departments comprised of 300 faculty and offers more than 40 baccalaureate, master's, and doctoral degrees, making it the largest academic entity in the UAB academic enterprise. We are home to research centers, community outreach programs, and interdisciplinary cooperation. CAS research programs focus on Human Health and the Quality of Life, Social Justice and Human Rights, Computation and Security in our Cyber World and Creative Expression through the Arts and Humanities
  - Physical location: 560 Heritage Hall, 1401 University Boulevard
  - Phone: 205-934-5643
  - Email: [thecollege@uab.edu](mailto:thecollege@uab.edu)
  - Specific contact: Dr. David Schwebel, Associate Dean for Research in the Sciences, [schwebel@uab.edu](mailto:schwebel@uab.edu), 205-934-8745
  - The Grants Office is here to help faculty, staff, and departments secure external funding. This includes help locating funding sources; crafting grant submissions; dealing with the forms, paperwork, and other requirements of the funding process; and grant management support once funding has been secured. We also provide service center management and facilitate Material Transfer Agreements, Confidentiality Data Agreements, and other ventures and projects.
    - List of services:  
<http://www.uab.edu/cas/home/research-centers/grants-office/list-of-services>

Main: <http://www.uab.edu/cas/home/research-centers>

The Interdisciplinary Innovation Forums provide opportunities for faculty members across the UAB campus to network with each and with external entities to promote innovation, transformation, and excellence in our research programs. Participating faculty come from the College of Arts and Sciences and the Schools of Education, Business, Engineering, Health Professions, Medicine, Optometry, Dentistry, and Public Health. Other participants come from the UAB Research Foundation (UABRF) and Birmingham Business Alliance (BBA) – see <http://www.uab.edu/cas/home/research-centers/interdisciplinary-innovation-forums>.

The College of Arts and Sciences is home to many interdisciplinary research, education, and community outreach centers, including Center for Information Assurance and Joint Forensics Research, the Center for Nanoscale Materials and Biointegration, the Center for Community OutReach Development, the Center for Optical Sensors and Spectroscopies and the Center for Research on Applied Gerontology – see <http://www.uab.edu/cas/home/research-centers/centers>.

The Theodore Haddin Arts and Sciences Forum is an ongoing lecture series at UAB's College of Arts and Sciences. It is a venue for Arts and Sciences faculty to talk about their research with their colleagues, students, and members of the public, and is designed to celebrate faculty work and to launch new conversations – see <http://www.uab.edu/cas/home/research-centers/haddin-forum>.

# UAB Faculty Onboarding – Research Resources Guidebook

<b>College of Arts and Sciences – Department Level Resources</b>	<p><b>Anthropology</b> Institute for Human Rights: <a href="http://www.uab.edu/cas/humanrights/">http://www.uab.edu/cas/humanrights/</a></p> <p><b>Chemistry</b> Main: <a href="http://www.uab.edu/cas/chemistry/research-facilities">http://www.uab.edu/cas/chemistry/research-facilities</a> List of research facilities: <a href="http://www.uab.edu/cas/chemistry/research-facilities/department-facilities">http://www.uab.edu/cas/chemistry/research-facilities/department-facilities</a> Advanced Materials Research: <a href="http://www.uab.edu/cas/chemistry/research-facilities/advanced-materials">http://www.uab.edu/cas/chemistry/research-facilities/advanced-materials</a> Drug Discovery Research: <a href="http://www.uab.edu/cas/chemistry/research-facilities/drug-discovery">http://www.uab.edu/cas/chemistry/research-facilities/drug-discovery</a></p> <p><b>Computer Science</b> Research clusters: <a href="https://cis.uab.edu/labs/">https://cis.uab.edu/labs/</a> (Advanced Cyberinfrastructures, Big Data, Biomedical Computing, Cybersecurity)</p> <p><b>Justice Sciences</b> Center for Information Assurance and Joint Forensics Research: <a href="http://www.uab.edu/cas/thecenter/">http://www.uab.edu/cas/thecenter/</a></p> <p><b>Physics</b> Main: <a href="http://www.uab.edu/cas/physics/overview">http://www.uab.edu/cas/physics/overview</a> (Biophysics, Computational &amp; Theoretical Physics, Condensed Matter &amp; Material Physics and Optics &amp; Laser Physics) Associated Centers: Center for Nanoscale Materials and Biointegration <a href="http://www.uab.edu/cnmb/">http://www.uab.edu/cnmb/</a> and Center for Optical Sensors and Spectroscopies <a href="http://www.cas.uab.edu/coss/">http://www.cas.uab.edu/coss/</a></p>
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# UAB Faculty Onboarding – Research Resources Guidebook

<b>College of Arts and Sciences – Department Level Resources cont.</b>	<b>Psychology</b> <u>Faculty Research Labs:</u> <a href="http://www.uab.edu/cas/psychology/research/faculty-research">http://www.uab.edu/cas/psychology/research/faculty-research</a> (Includes UAB Center for Translational Research on Aging and Mobility, UAB Early Head Start Center, Deep South Resource Center for Minority Aging Research — Investigator Development Core, UAB Constraint Induced Therapy Research Lab and Taub Clinic, Center of Excellence for Severely Emotional Behavioral Disturbed (SEBD); UAB Youth Safety Lab, Eating Disorders, Diet and Obesity Research Laboratory, Cognition, Brain, and Autism Laboratory, UAB Neuroinflammation, Pain, and Fatigue Lab, UAB Biobehavioral Pain Research Lab, Social Science Lab, IMPACT Lab, Patient Activity at Home (PAAH) Lab UAB Translational Research for Injury Prevention, Youth Development Lab) <u>Collaborative Initiatives:</u> <a href="http://www.uab.edu/cas/psychology/research/faculty-research/collaborative-initiatives">http://www.uab.edu/cas/psychology/research/faculty-research/collaborative-initiatives</a>
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# UAB Faculty Onboarding – Research Resources Guidebook

<p><b>Collat School of Business</b></p> <p>Located in the heart of Alabama's business center, UAB's Collat School of Business offers an engaging learning environment with classrooms extending well beyond the walls of the UAB campus. Our unique location allows our faculty to integrate the practical experiences of the State's leading companies - from Fortune 500 corporations to entrepreneurial startups - into the programs we offer. Our students gain valuable, real-world experience through a wide variety of internships and other opportunities in the business community.</p> <ul style="list-style-type: none"> <li>• <b>Physical Location:</b> UAB Collat School of Business 1150 10th Ave. S. Birmingham, AL 35205</li> <li>• <b>Phone:</b> (205) 996-5399</li> </ul>	<p>Main: <a href="https://www.uab.edu/business/home/school-profile">https://www.uab.edu/business/home/school-profile</a></p>
<p><b>Centers &amp; Outreach</b></p> <p>Through business centers and outreach programs, numerous activities are designed to facilitate interaction of our faculty and students with local, regional, and national business communities and to promote economic growth in Birmingham and the State of Alabama. See links to the left for more information.</p>	<p><b>Centers &amp; Outreach:</b> <a href="https://www.uab.edu/business/home/departments-centers/centers-outreach">https://www.uab.edu/business/home/departments-centers/centers-outreach</a></p> <p><b>Advances in Health Care Management</b></p> <p>Advances in Health Care Management is a research annual that publishes state-of-the-art reviews (odd years) and research on special topics (even years) in the field of health care management. <a href="https://www.uab.edu/business/home/departments-centers/centers-outreach/advances-in-health-care-management">https://www.uab.edu/business/home/departments-centers/centers-outreach/advances-in-health-care-management</a></p> <p><b>Center for Economic Education</b></p>

# UAB Faculty Onboarding – Research Resources Guidebook

	<p>The UAB Center for Economic Education (CEE) is a 501 (c) 3 nonprofit organization within the UAB Collat School of Business that promotes economic and financial literacy by providing continuing economic education resources for K-12 teachers. Affiliated with the Alabama Council on Economic Education (ACEE) and accredited by the <a href="#">National Council on Economic Education</a> (NCEE), the UAB Center for Economic Education has reached over 1,900 teachers in the Greater Birmingham and Central Alabama area over the past 12 years. <a href="https://www.uab.edu/business/home/departments-centers/centers-outreach/center-for-economic-development">https://www.uab.edu/business/home/departments-centers/centers-outreach/center-for-economic-development</a></p> <p><b>Center for Sales Leadership</b></p> <p>The UAB Collat Center for Sales Leadership fosters the study of professional selling and provides unique opportunities for students to receive education and training in advanced selling practices. We advance sales performance through education, research, and outreach to the business community. <a href="https://www.uab.edu/business/home/departments-centers/centers-outreach/center-for-sales-leadership">https://www.uab.edu/business/home/departments-centers/centers-outreach/center-for-sales-leadership</a></p> <p><b>The UAB Innovation Lab</b></p> <p>The UAB Innovation Lab (UAB iLab) is a partnership between the UAB CSOB and Innovation Depot; it serves as a conduit between students and the entrepreneurial community. UAB iLab programming provides students with the hands-on learning needed for success in the workplace and is designed to support students as they incubate and accelerate their startups. <a href="https://www.uab.edu/innovationlab/">https://www.uab.edu/innovationlab/</a></p>
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# UAB Faculty Onboarding – Research Resources Guidebook

## **Regions Institute for Financial Education**

The Regions Institute for Financial Education began in January 2015 with the mission of providing opportunities for UAB students, faculty, staff and the community at large to learn the skills and knowledge essential to successfully manage their personal finances. The Institute aims to carry out this mission by focusing on teaching, service and research. The following is a brief summary of the Institute's activities thus far in these three areas.

<https://www.uab.edu/business/home/departments-centers/centers-outreach/institute-for-financial-education>

## **Retail Excellence Initiative**

[The Marketing, Industrial Distribution, and Economics Department](#) is developing a regional center for retailing excellence. Supporting partners include the Alabama Retail Association, Firestone Complete Auto Care, Bruno's Supermarkets, Belk's, Regions Bank, Alabama Power Company and others. Our location in the Regional Planning Commission of Greater Birmingham where numerous corporate and regional retail offices and many large retailers and property development and management companies are located provides unique opportunities for student internships, executives-in-residence, graduate placements and scholarly research.

<https://www.uab.edu/business/home/departments-centers/centers-outreach/retail-excellence-initiative>

# UAB Faculty Onboarding – Research Resources Guidebook

## School of Dentistry Research Resources

- Proudly serving as a multidimensional research leader, the UAB School of Dentistry continues to improve oral health through the funded research of our faculty. This year the School jumped from 15th to 1st in the National Institute of Dental and Craniofacial Research (NIDCR) rankings. The majority of the increase in funding is due to the \$66.8 million grant for the National Dental Practice-Based Research Network, headquartered at the School under the direction of Dr. Gregg Gilbert.
  - Physical location: School of Dentistry (SOD), 1919 7<sup>th</sup> Avenue South, Suite 406
  - Phone: 205-934-4720
  - Specific contact: Dr. Mary MacDougall, Associate Dean for Research: Institute for Oral Health Research, [macdoug@uab.edu](mailto:macdoug@uab.edu), 205-996-5122

## Clinical and Community Services

Following from the School's vision to lead oral health care, the Department's vision is to comprise the clinical sciences and community sciences component of this vision.

- Division of Behavioural and Population Sciences

The Department is the national administrative base for [The National Dental Practice-Based Research Network](#). The National Network Director is Dr. Gregg Gilbert. The “nation’s network” is a consortium of participating practices and dental organizations committed to advancing knowledge of dental practice and ways to improve it.

### Endodontics

Each endodontic resident will be required to formulate and execute an original research paper that must be presented in a format acceptable for publication in an appropriate scientific journal.

### Oral & Maxillofacial Surgery

### Orthodontics

### Pediatric Dentistry

The department has 4 FTE of faculty involved in funded NIH research projects with approximately \$2.0 million in annual research support. In addition, the Department has access to sophisticated and advanced laboratory equipment within the School of Dentistry and the many UAB Centers.



# UAB Faculty Onboarding – Research Resources Guidebook

<p><b>School of Dentistry Research Resources cont.</b></p>	<p><b>Periodontology</b></p> <p>The Department of Periodontology is actively engaged in clinical and translational research that truly focuses upon the UAB School of Dentistry’s core values: excellence, patient-centered, innovation, and unity of purpose. Our research interests include periodontal-systemic connection, innovative regenerative technologies, endosseous dental implant innovations, epigenetics, and the periodontal microbiome.</p> <p><b>Restorative Sciences</b></p> <p>Research conducted by the department aims to augment the body of knowledge through laboratory, clinical, and materials research for the prevention and treatment of oral diseases. The Department is also active in service activities within the school, university, nationally, and internationally.</p>
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# UAB Faculty Onboarding – Research Resources Guidebook

<p><b>School of Education Research Resources</b></p> <ul style="list-style-type: none"> <li>• The UAB School of Education is comprised of two departments, Curriculum and Instruction, and Human Studies. Research programs in the school focus on: <ul style="list-style-type: none"> <li>○ Human Health and the Quality of Life</li> <li>○ Social Justice and Human Rights</li> <li>○ Computation and Security in our Cyber World</li> <li>○ Creative Expression through the Arts and Humanities</li> </ul> </li> <li>• The College is home to several interdisciplinary research, education, and community outreach centers. <ul style="list-style-type: none"> <li>○ Center for Educational Accountability</li> <li>○ Center for Urban Education</li> <li>○ Maryann Manning Family Literacy Center</li> </ul> </li> <li>• Physical Address UAB School of Education 901 13th Street South Birmingham, AL 35294-1250</li> </ul>	<p><b>Centers:</b></p> <p><b>Center for Educational Accountability</b></p> <ul style="list-style-type: none"> <li>○ The work of the Center for Educational Accountability (CEA) involves the study and evaluation of reform initiatives in areas such as Pre-K-12 education, higher education, assessment, public health, and community revitalization. The CEA's services range from comprehensive large-scale program evaluation to one-time consultation and technical assistance.</li> </ul> <p><a href="http://www.uab.edu/education/cea/">http://www.uab.edu/education/cea/</a></p> <p><b>Center for Urban Education</b></p> <ul style="list-style-type: none"> <li>○ The mission of the Center for Urban Education (CUE) is to promote quality education for socially and economically disenfranchised groups residing in urban areas. Specifically, the CUE prepares high-quality teachers and administrators to work in urban school districts.</li> </ul> <p><a href="http://www.uab.edu/education/cue/">http://www.uab.edu/education/cue/</a></p> <p><b>Maryann Manning Family Literacy Center</b></p> <ul style="list-style-type: none"> <li>○ The Maryann Manning Family Literacy Center supports and disseminates research in literacy, provides professional development for teachers and students, and creates innovative literacy projects, both locally and globally.</li> </ul> <p><a href="http://www.uab.edu/education/ci/mmflc">http://www.uab.edu/education/ci/mmflc</a></p>
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# UAB Faculty Onboarding – Research Resources Guidebook

<b>School of Education Research Resources cont.</b>	<p><b>Clinic and Labs:</b></p> <p><b>Community Counseling Clinic</b></p> <ul style="list-style-type: none"><li>○ The UAB Community Counseling Clinic aims to provide affordable mental health counseling services to residents of Jefferson County, while also providing an innovative training experience for graduate counseling students. Our clinic strives to become an exemplar to the counseling profession through innovations in research, practice, teaching, and clinical training</li></ul> <p><a href="http://www.uab.edu/education/counselingclinic/">http://www.uab.edu/education/counselingclinic/</a></p> <p><b>Exercise Physiology Laboratory</b></p> <ul style="list-style-type: none"><li>○ The lab is well equipped to perform a wide variety of physiological tests including:<ul style="list-style-type: none"><li>○ Oxygen consumption during exercise via indirect calorimetry. Cardiovascular responses are monitored using an electrocardiograph and/or with telemetric heart rate monitors.</li><li>○ Body composition via skinfold assessment</li></ul></li></ul> <p><b>Exercise and Nutritional Physiology Laboratory</b></p> <ul style="list-style-type: none"><li>○ The equipment in the lab is used to study metabolic and cardiovascular regulation in skeletal muscle, adipose tissue, and liver.</li></ul>
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# UAB Faculty Onboarding – Research Resources Guidebook

## School of Engineering Research Resources

- The UAB School of Engineering is comprised of five departments, Biomedical Engineering, Civil, Construction and Environmental Engineering, Electrical and Computer Engineering, Materials Science Engineering and Mechanical Engineering, as well as the research organization EITD (Engineering and Innovative Technology Development)
- UAB School of Engineering Research Centers and Laboratories conduct world-class, cutting-edge research in numerous areas. These include, but are not limited to, High performance Computing/Modeling and Simulation, Sustainable Engineering Design and Construction, Composite Materials Applications and Development, Engineering and Innovation Technology Development, Metals Processing and Research, Tissue Engineering, Cardiac Rhythm Management, Biomedical Imaging.
  - Physical location: Hoehn Engineering Building, 1075 13th Street South, Suite 101
  - Phone: 205-934-8410
  - Email: [enginfo@uab.edu](mailto:enginfo@uab.edu)
  - Specific contact: Dr. Tim Wick, Senior Associate Dean, [tmwick@uab.edu](mailto:tmwick@uab.edu), 205-934-8400

## Biomedical Engineering

Biomedical Imaging, Biomedical Implants and Devices, Biomaterials, Implant Biomechanics, Tissue regeneration, Cardiac Electrophysiology, Tissue Engineering and Regenerative Medicine

<http://www.uab.edu/engineering/home/departments-research/bme/research>

- Biomedical Implants and Devices Facilities:  
<http://www.uab.edu/engineering/home/departments-research/bme/research/13-departments-research/dept-biomedical-eng/214-bme-research-implants-facilities>

## Civil, Construction, and Environmental Engineering

Innovative and sustainable buildings and highway systems, Environmental Engineering, theory and applied analytical methods of transportation systems, traffic engineering, traffic operations and safety, and urban transportation planning.

- Structures research:  
<http://www.uab.edu/engineering/home/research-civil/structures>
- Environmental research:  
<http://www.uab.edu/engineering/home/research-civil/environmental>
- Transportation research:  
<http://www.uab.edu/engineering/home/research-civil/transportation>

## Affiliated Centers

<http://www.uab.edu/engineering/home/departments-research/civil/centers>

- National Center for Transportation System Productivity and Management (NCTSPM)
- University Transportation Center for Alabama

# UAB Faculty Onboarding – Research Resources Guidebook

<b>School of Engineering Research Resources cont.</b>	<ul style="list-style-type: none"><li>• SE Transportation Research, Innovation and Education Center (STRIDE)</li><li>• UAB Sustainable Smart Cities Research Center (SSCRC)</li><li>• University Transportation Center for Alabama</li></ul> <p><b>Electrical and Computer Engineering</b></p> <p>Diverse variety spanning microelectronics and embedded systems, signal and image processing, biotechnology, and nanotechnology.</p> <ul style="list-style-type: none"><li>• Efficient Inductive Power Link for Implantable Medical Devices (<a href="http://www.uab.edu/engineering/home/departments-research/ece/ece-research/inductive-power-and-data-link">http://www.uab.edu/engineering/home/departments-research/ece/ece-research/inductive-power-and-data-link</a>)</li><li>• Ultra-Low-Power Low-Noise Neural Recording System (<a href="http://www.uab.edu/engineering/home/departments-research/ece/ece-research/low-power-design/17-departments-research/ece/597-low-power-neural-recording-system">http://www.uab.edu/engineering/home/departments-research/ece/ece-research/low-power-design/17-departments-research/ece/597-low-power-neural-recording-system</a>)</li><li>• Efficient Design Techniques for On-Chip Robust DC-DC Converters (<a href="http://www.uab.edu/engineering/home/departments-research/ece/ece-research/low-power-design/17-departments-research/ece/598-efficient-design-techniques-for-on-chip-robust-dc-dc-converters">http://www.uab.edu/engineering/home/departments-research/ece/ece-research/low-power-design/17-departments-research/ece/598-efficient-design-techniques-for-on-chip-robust-dc-dc-converters</a>)</li><li>• Detection of Hardware Trojans in VLSI Circuits (<a href="http://www.uab.edu/engineering/home/ece-research/17-departments-research/ece/816-research-detection-hardware-trojan">http://www.uab.edu/engineering/home/ece-research/17-departments-research/ece/816-research-detection-hardware-trojan</a>)</li></ul>
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<b>School of Engineering Research Resources cont.</b>	<ul style="list-style-type: none"><li>• Visual Tracking (<a href="http://www.uab.edu/engineering/home/ece-research/17-departments-research/ece/818-visual-tracking">http://www.uab.edu/engineering/home/ece-research/17-departments-research/ece/818-visual-tracking</a>)</li></ul> <p><b>Materials Science and Engineering</b></p> <p>The new Materials Processing and Application Development (MPAD) Laboratory brings leading researchers and cutting edge equipment together to create innovative new materials and processes.</p> <ul style="list-style-type: none"><li>• Composites Manufacturing and Plastics Engineering: (<a href="http://www.uab.edu/mpad/">http://www.uab.edu/mpad/</a>)</li><li>• Metals research: <a href="http://www.uab.edu/engineering/metals/">http://www.uab.edu/engineering/metals/</a></li><li>• Polymers research: <a href="http://www.uab.edu/engineering/home/polymers/">http://www.uab.edu/engineering/home/polymers/</a></li></ul> <p><b>Mechanical Engineering</b></p> <p>Fully utilize information technology in creating, analyzing, managing, and interpreting large-scale data associated with the simulation of mathematical models that describe interacting multi-scale science and engineering phenomena. <a href="http://www.uab.edu/engineering/home/departments-research/me/research">http://www.uab.edu/engineering/home/departments-research/me/research</a></p> <ul style="list-style-type: none"><li>• Facilities: <a href="http://www.uab.edu/engineering/home/departments-research/me/research/facilities">http://www.uab.edu/engineering/home/departments-research/me/research/facilities</a></li><li>• Computational Simulation Laboratory: <a href="http://www.uab.edu/engineering/home/departments-research/me/research/cslab">http://www.uab.edu/engineering/home/departments-research/me/research/cslab</a></li></ul>
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<b>School of Engineering Research Resources cont.</b>	<ul style="list-style-type: none"><li>• Enabling Technology Laboratory: <a href="http://www.uab.edu/engineering/home/departments-research/me/research/etlab">http://www.uab.edu/engineering/home/departments-research/me/research/etlab</a></li><li>• CO2-Enhanced Oil Production: <a href="http://www.uab.edu/engineering/home/departments-research/me/research/co2-eor">http://www.uab.edu/engineering/home/departments-research/me/research/co2-eor</a></li><li>• Vehicle and Robotics Engineering: <a href="http://www.uab.edu/engineering/home/departments-research/me/research/vehicle-engineering-a-robotics">http://www.uab.edu/engineering/home/departments-research/me/research/vehicle-engineering-a-robotics</a></li></ul>
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<p><b>School of Health Professions</b></p> <p>The UAB School of Health Professions (SHP) is one of the largest health professions schools in the nation with more than 20 innovative programs at the baccalaureate, masters, and doctoral degree levels within five departments.</p> <ul style="list-style-type: none"> <li>• <b>Physical Location:</b> SHPB Building 1705 University Blvd.</li> <li>• <b>Phone:</b> 205) 934-4194</li> </ul>	<p>Main: <a href="http://www.uab.edu/shp/home/">http://www.uab.edu/shp/home/</a></p>
<p><b>Research &amp; Centers</b></p> <p>UAB School of Health Professions aims to work effectively with research partners to help advance community and state goals in education, health, quality of life and economic development. Research funding at SHP is rapidly approaching the \$12-million level. The school has been either first or second for research funding received by schools of its type from the National Institutes of Health (NIH) for each year since 1979. Since 2006, the NIH no longer provides comparative rankings of its medical research funding. The School of Health Professions continues to be among the leaders of schools of allied health receiving research funding from the NIH.</p>	<p><b>Research &amp; Centers</b> <a href="http://www.uab.edu/shp/home/research-centers">http://www.uab.edu/shp/home/research-centers</a></p> <p><b>The Locomotor Control and Rehabilitation Robotics Laboratory</b></p> <p>The Locomotor Control and Rehabilitation Robotics Laboratory, better known as the LocoLab, is the premier neuromusculoskeletal control lab in the Southeast. The LocoLab, located at 516 20<sup>th</sup> Street South, is home to researchers whose studies seek to understand the underlying control mechanisms of poor locomotor control.</p> <p><a href="http://www.uab.edu/shp/pt/locolab">http://www.uab.edu/shp/pt/locolab</a></p> <ul style="list-style-type: none"> <li>• KineAssist: <a href="http://www.uab.edu/shp/pt/locolab/locolab-kineassist">http://www.uab.edu/shp/pt/locolab/locolab-kineassist</a></li> <li>• Research:</li> </ul>



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	<p><a href="http://www.uab.edu/shp/pt/locolab/locolab-research">http://www.uab.edu/shp/pt/locolab/locolab-research</a></p> <ul style="list-style-type: none"><li>• Researchers: <a href="http://www.uab.edu/shp/pt/locolab/locolab-researchers">http://www.uab.edu/shp/pt/locolab/locolab-researchers</a></li><li>• Publications: <a href="http://www.uab.edu/shp/pt/locolab/locolab-publications">http://www.uab.edu/shp/pt/locolab/locolab-publications</a></li></ul> <p><b>UAB/Lakeshore Research Collaborative</b></p> <p><a href="#">Lakeshore Foundation</a> and the University of Alabama at Birmingham developed a world-class research program in rehabilitative science – the UAB/Lakeshore Research Collaborative. This collaboration links Lakeshore’s extraordinary programs for people with physically disabling conditions with the UAB School of Health Professions research expertise. <a href="http://www.uab.edu/shp/lakeshore/">http://www.uab.edu/shp/lakeshore/</a></p> <p><b>NCHPAD</b></p> <p>The <a href="#">National Center of Health, Physical Activity and Disability (NCHPAD)</a> is a CDC-funded center focusing on the relationships between good health and physical activity in people with disabilities. The center director is James Rimmer, Ph.D., Lakeshore Foundation Endowed Chair in Health Promotion and Rehabilitation Sciences. <a href="http://www.uab.edu/shp/home/research-centers/nchpad">http://www.uab.edu/shp/home/research-centers/nchpad</a></p> <p><b>RecTech</b></p> <p><a href="#">Rehabilitation Engineering Research Center on Exercise and Recreational Technologies and Exercise Physiology Benefiting People with Disabilities, or simply RecTech</a>, is a National Institute on Disability and Rehabilitation Research-funded center. UAB and</p>
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	<p>Lakeshore Foundation partnered on this initiative to find ways to improve health outcomes among disabled persons. James Rimmer, Ph.D., Foundation Endowed Chair in Health Promotion and Rehabilitation Sciences at the UAB School of Health Professions, is the center's director.</p> <p><a href="http://www.uab.edu/shp/home/research-centers/rectech">http://www.uab.edu/shp/home/research-centers/rectech</a></p> <p><b>The Nutrition Obesity Research Center</b></p> <p>The Nutrition Obesity Research Center (NORC) is an NIH-funded, university-wide interdisciplinary research center established to foster a multidisciplinary approach to basic, clinical, and translational research and research training with an emphasis on understanding the causal factors underlying nutrition and obesity-related health problems and the generation and evaluation of evidence on their consequences, prevention, and alleviation.</p> <ul style="list-style-type: none"><li>• Founder: Roland L. Weinsier, M.D., Dr.P.H.</li><li>• Director: <a href="#">David B. Allison, Ph.D.</a></li><li>• Assoc. Director: <a href="#">Timothy Garvey, M.D.</a></li></ul> <p>The NORC comprises 159 investigators from 58 academic units, with total direct funding of \$56 million for nutrition/obesity research. The NORC is composed of four research core facilities, a pilot/feasibility program, and an enrichment program.</p> <p><a href="http://www.norc.uab.edu/">http://www.norc.uab.edu/</a></p> <ul style="list-style-type: none"><li>• Enrichment <a href="http://www.norc.uab.edu/courses">http://www.norc.uab.edu/courses</a></li><li>• Core facilities <a href="http://www.norc.uab.edu/corefacilities">http://www.norc.uab.edu/corefacilities</a></li><li>• Funding <a href="http://www.norc.uab.edu/pilot">http://www.norc.uab.edu/pilot</a></li></ul>
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## **Diabetes Research Center (DRC)**

The [Diabetes Research Center \(DRC\)](http://www.uab.edu/shp/home/research-centers/drc) focuses on developing new methods to treat, prevent, and ultimately cure diabetes and its complications. The DRC is a multi-disciplinary operation with faculty researchers from UAB's Schools of Health Professions, Medicine, and Public Health, among other units. It operates in collaboration with the UAB Comprehensive Diabetes Center to promote excellence in diabetes research and patient care. The DRC supports research in the areas of pathology, animal physiology, human biology, metrics and health services research, and community research. It is one of six NIDDK-sponsored diabetes research and training centers in the U.S.

<http://www.uab.edu/shp/home/research-centers/drc>

## **UAB Center for Healthcare Management and Leadership**

The UAB Center for Healthcare Management & Leadership combines a futuristic vision that is mandatory in today's healthcare landscape with the distinguished history of an institution that has adapted to meet demand for nearly 50 years. Established in 1966, this leadership center has served healthcare managers across the southeast, the nation and the world.

<http://www.uab.edu/shp/home/research-centers/ctr-for-hs-cont-ed>

## **Center for Health Informatics for Patient Safety/Quality (CHIPS/Q)**

The [Center for Health Informatics for Patient Safety/Quality \(CHIPS/Q\)](http://www.uab.edu/shp/home/research-centers/ctr-for-hs-cont-ed) was created by the Department of Health Services Administration at the University of Alabama at Birmingham in 2011 to develop and market salient HIT workforce training and

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	<p>education programs for health care delivery systems. <a href="http://www.uab.edu/shp/home/research-centers/chipsg">http://www.uab.edu/shp/home/research-centers/chipsg</a></p> <p><b>Community/Clinical Programs:</b> <a href="http://www.uab.edu/shp/home/research-centers/comm-clinical-prog">http://www.uab.edu/shp/home/research-centers/comm-clinical-prog</a></p> <ul style="list-style-type: none"><li>• <b><a href="#">EatRight Weight Management Services</a></b> A lifestyle-oriented weight control program designed to beat the odds of the weight-loss battle by easing participants into new eating and exercising habits. <a href="http://www.uab.edu/shp/home/research-centers/comm-clinical-prog">http://www.uab.edu/shp/home/research-centers/comm-clinical-prog</a></li><li>• <b><a href="#">Cancer Prevention &amp; Control Training Program</a></b> Trains researchers through research and a specialized curriculum tailored to their disciplinary and interests. <a href="http://www.uab.edu/cpctp/">http://www.uab.edu/cpctp/</a></li><li>• <b><a href="#">UAB Nutrition Trends</a></b>A Department of Nutrition Sciences website to give nutrition facts, news, recipes, programs and studies to help you make informed choices. <a href="http://www.uab.edu/shp/nutritiontrends/">http://www.uab.edu/shp/nutritiontrends/</a></li><li>• <b><a href="#">UAB Osteoporosis Prevention &amp; Treatment Clinic</a></b> Multidisciplinary clinic at Kirklin Clinic to prevent and treat osteoporosis. For a virtual clinic, tips and the latest news on osteoporosis, go to <a href="#">Tone Your Bones</a>. <a href="http://www.uab.edu/medicine/cmbd/">http://www.uab.edu/medicine/cmbd/</a></li></ul>
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## School of Optometry Research Resources

- UAB School of Optometry has a world-class reputation for educating optometrists and vision scientists. Our faculty is among the best known in the country through their lectures, research and publications including many textbooks. The UAB School of Optometry's research goals are focused on initiatives that lead to the discovery of new principles of eye care and vision science, and translating new ideas into clinical practice. Our faculty boasts a unique expertise in ocular biology and neuroscience, spanning both basic and clinical science applications, and is positioned to expand vision science research and advance discoveries particularly in areas such as concussive brain injury, cerebral vascular accidents, and neurodegenerative diseases.
  - Physical location: Henry Peters Building, 1716 University Blvd, Suite 121
  - Phone: 205-934-3036
  - Specific contact: Dr. Michael Twa, Associate Dean for Research & Graduate Studies, [mtwa@uab.edu](mailto:mtwa@uab.edu), 205-934-6724
  - The Vision Science Research Center's mission is to support the research programs of its members through the maintenance of shared facilities, to foster interdisciplinary collaboration in vision research, and to serve the university, community, state and region through education and outreach. <http://www.uab.edu/vsrc/>

## Department of Optometry

The Department of Optometry consists of thirty full-time and a dozen part-time faculty whose mission is to contribute exceptional ideas in optometric sciences and clinical practice through research and scholarship, and to fulfill the teaching mission of the School of Optometry with education and clinical training of optometry students, residents, and postdoctoral fellows.

<http://www.uab.edu/optometry/home/research>

## Department of Vision Sciences

The Department of Vision Sciences incorporates an interdisciplinary group of faculty, students, and staff who are focused on understanding how vision works and using that knowledge to ameliorate debilitating eye diseases. Our work covers a wide range of scientific disciplines such as optics, biophysics, anatomy, biochemistry, cell biology, cognitive science, physiology, neuroscience, biomedical engineering, imaging, genetics, immunology, computational neuroscience, and visual perception.

<https://www.uab.edu/optometry/visionsciences/>

- Center for the Development of Functional Imaging facility contains a 4.7 T 60 cm bore actively shielded vertical magnet optimized for non-human primate fMRI studies. The system uses a Magnex gradient set and a Varian UnityInova console. Visual stimuli are presented using an Avotec fiber-optic system,

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<p><b>School of Optometry Research Resources cont.</b></p> <ul style="list-style-type: none"><li>○ <a href="#">Clinical Eye Research</a> The UAB School of Optometry Clinical Eye Research Facility (CERF) conducts innovative research in areas ranging from dry eye, to contact lenses, to low vision, to pediatric eye problems.</li><li>○ <a href="#">Pediatric Vision Research</a> <b>Study of Binocular Computer Activities for Treatment of Amblyopia</b></li></ul>	<p>and eye movements are monitored with an embedded binocular eye tracker. A number of workstations are available on-site for data analysis and for the development of pulse sequences. In addition, the building houses a training area, vivarium, and offices. The CDFI is affiliated with the Vision Science Research Center located in the nearby Worrell Building, and makes extensive use of the electronics and computer facilities there, as well as the machine shop.</p> <p><a href="http://www.uab.edu/cdfi/">http://www.uab.edu/cdfi/</a></p>
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<p><b>School of Public Health</b></p> <ul style="list-style-type: none"> <li>• The SOPH houses the Departments of Biostatistics, Environmental Health Sciences, Epidemiology, Health Behavior, and Health Care Organization and Policy. The mission of the SOPH is to create, disseminate, and apply scientific knowledge to improve public health and well-being in Alabama and beyond by nurturing a diverse community of outstanding scholars.</li> <li>• SOPH Centers include: the UAB Center for the Study of Community Health, the Deep South Center for Occupational Health and Safety, the Lister Hill Center for Health Policy, the Public Health Training Center and the Sparkman Center for Global Health. <ul style="list-style-type: none"> <li>○ Physical Location: Ryals Public Health Building, 1665 University Boulevard</li> <li>○ Phone: (205) 934-4993</li> <li>○ Scientific Contact: David Allison, PhD, Associate Dean for Science, <a href="mailto:dallison@uab.edu">dallison@uab.edu</a>, Phone: (205): 975-9169</li> </ul> </li> </ul>	<p><b>Office of Public Health Practice:</b>  <a href="http://www.soph.uab.edu/contact/PHPractice">http://www.soph.uab.edu/contact/PHPractice</a></p> <p><b>Office of the Associate Dean for Science:</b> This office is dedicated to the mission of advancing science and improving the public’s health through scientific discovery. The role of this office is to provide resources, activities, and expertise to catalyze and facilitate the highest level of scholarly research. The office will facilitate the establishment of research priorities, enhance research administration and facilitate interdisciplinary relationships within the SOPH and UAB.  <a href="http://www.soph.uab.edu/deanscience">http://www.soph.uab.edu/deanscience</a></p> <ul style="list-style-type: none"> <li>○ <b>Professional Development:</b>  <a href="http://www.soph.uab.edu/deanscience/professionaldevelopment">http://www.soph.uab.edu/deanscience/professionaldevelopment</a></li> <li>○ <b>Funding Opportunities (password protected):</b>  <a href="https://www.soph.uab.edu/fundingops/deanscience/ops">https://www.soph.uab.edu/fundingops/deanscience/ops</a></li> <li>○ <b>Grant Consulting (password protected):</b>  <a href="https://www.soph.uab.edu/grantproposalsupport">https://www.soph.uab.edu/grantproposalsupport</a></li> </ul>
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<b>School of Public Health cont.</b>	<p><b>Deep South Center for Occupational Health and Safety:</b> The Deep South ERC is the only NIOSH ERC in our region and is a critical resource to business, labor and industry in preventing work-related injury and illness. The Center provides strong academic programs of study for its students, which includes interdisciplinary and field work experiences. ERC graduates have rewarding and challenging careers in businesses, federal agencies, academia and industries. Through the ERC, information is shared on emerging occupational health and safety issues to other educational institutions, public agencies, businesses, workers, minorities, youths and non-profits. The faculty of the Deep South ERC has varied research interests from long haul truck driver safety to respirator fit testing. <a href="http://www.soph.uab.edu/dsc/">http://www.soph.uab.edu/dsc/</a></p> <p><b>Lister Hill Center for Health Policy:</b> The Center has a university-wide mission to facilitate the conduct of health policy research, to disseminate the findings of that research beyond the usual academic channels, and to sponsor the Lister Hill Health Policy Fellows program. The Center's primary focus areas are: Health and Health Care Regulation, Health Insurance, Maternal and Child Health Policy, Aging Policy, Management of Public Health Organizations, and Outcomes Research. <a href="http://www.soph.uab.edu/listerhill">http://www.soph.uab.edu/listerhill</a></p>
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<b>School of Public Health cont.</b>	<p><b>Alabama Public Health Training Center (AL PHTC):</b> The Alabama-Mississippi Public Health Training Center strengthens the technical, scientific, managerial, and leadership competence of the <i>current workforce</i> in Alabama and Mississippi by advancing the knowledge and skills of the <i>future public health workforce</i> through programs that meet identified needs in medically underserved areas throughout the states. Training and education programs developed by the AL-MS PHTC are competency-based, grounded in core public health functions and Essential Public Health Services, and designed to improve the capacity of the public health workforce, including those in community-based organizations providing public health services in underserved areas. Training and education programs are tailored for specific target audiences and delivered through distance education technologies and on-site programs. <a href="http://www.alphtc.org/home">http://www.alphtc.org/home</a></p> <p><b>Sparkman Center for Global Health:</b> In today's interdependent global economy, the need for cooperation between governments, international agencies, organizations, and institutions in alleviating global health challenges has increased. The UAB Sparkman Center for Global Health has a history of successful collaboration with institutions domestic and abroad in implementing graduate education, undergraduate education, public health training, and programs designed to improve health and well-being. <a href="http://www.sparkmancenter.org/">http://www.sparkmancenter.org/</a></p>
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<b>School of Public Health cont.</b>	<p><b>UAB Hypertension Center:</b> The UAB Hypertension Center, one of four centers selected to study high blood pressure as part of the <a href="#">American Heart Association’s Strategically Focused Research Network</a> on hypertension, will generate new knowledge related to patterns and potential mechanisms responsible for abnormal diurnal rhythm of blood pressure. <a href="http://www.soph.uab.edu/uabhc/">http://www.soph.uab.edu/uabhc/</a></p> <p><b>Office of Energetics:</b> UAB SOPH's Office of Energetics is responsible for developing unique programs and initiatives that address topics in energetics including obesity, physical activity, and related areas from multiple perspectives in ways that provide new insights into this complex domain that affects so many aspects of health. <a href="http://www.soph.uab.edu/energetics/home">http://www.soph.uab.edu/energetics/home</a></p> <ul style="list-style-type: none"><li>○ <b>Obesity and Energetics Offerings:</b> <a href="http://www.obesityandenergetics.org/">http://www.obesityandenergetics.org/</a></li><li>○ <b>Energetics Software:</b> <a href="http://www.soph.uab.edu/energetics/software">http://www.soph.uab.edu/energetics/software</a></li><li>○ <b>Energetics Courses and Events:</b> <a href="http://www.soph.uab.edu/energetics/courses">http://www.soph.uab.edu/energetics/courses</a></li></ul>
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<p><b>School of Public Health cont.</b></p>	<p><b>Center for the Study of Community Health:</b> As a UAB University-Wide Interdisciplinary Research Center, the Center for the Study of Community Health offers a unique prevention research environment that includes clinicians, researchers, health-related professionals, social and behavioral scientists, and community leaders who are setting new standards in the state of Alabama and around the world. <a href="http://www.soph.uab.edu/csch/">http://www.soph.uab.edu/csch/</a></p> <p><b>Region IV Public Health Training Center:</b> The services, provided by the Central Office and six LPSs within the Region IV states, include public health workforce trainings, faculty and student collaborative projects, and student field placements. In addition to developing trainings based on the Council on Linkages core competencies, infectious disease is the assigned content area for the R-IV PHTC. <a href="http://www.r4phtc.org/">http://www.r4phtc.org/</a></p>
<p><b>School of Public Health – Department Level Resources</b></p>	<ul style="list-style-type: none"> <li>• <b>Biostatistics:</b> <a href="http://www.soph.uab.edu/bst">http://www.soph.uab.edu/bst</a></li> </ul> <p><b>Biostatistics Consulting Center:</b> <a href="http://www.soph.uab.edu/bst/consulting">http://www.soph.uab.edu/bst/consulting</a></p> <p><b>REGARDS:</b> <a href="http://www.regardsstudy.org/">http://www.regardsstudy.org/</a></p> <p><b>Section on Research Methods and Clinical Trials:</b> <a href="https://www.soph.uab.edu/RMCT/">https://www.soph.uab.edu/RMCT/</a></p> <p><b>Section on Statistical Genetics:</b> <a href="http://www.soph.uab.edu/ssg/home">http://www.soph.uab.edu/ssg/home</a></p>

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	<ul style="list-style-type: none"><li>• <b>Environmental Health Sciences:</b> <a href="http://www.soph.uab.edu/ehs">http://www.soph.uab.edu/ehs</a> <b>Mechanisms of Species-Dependent Environmental Lung Injury:</b> <a href="http://www.soph.uab.edu/ppg/prgdesc.htm">http://www.soph.uab.edu/ppg/prgdesc.htm</a></li><li>• <b>Epidemiology:</b> <a href="http://www.soph.uab.edu/epi">http://www.soph.uab.edu/epi</a> <b>Active faculty research:</b> <a href="http://www.soph.uab.edu/epi/research">http://www.soph.uab.edu/epi/research</a> <b>Minority Health International Research Training Program (MHIRT):</b> <a href="http://www.soph.uab.edu/mhirt/">http://www.soph.uab.edu/mhirt/</a></li><li>• <b>Health Behavior</b> <a href="http://www.soph.uab.edu/hb">http://www.soph.uab.edu/hb</a> <b>Active faculty research:</b> <a href="http://www.soph.uab.edu/hb/research">http://www.soph.uab.edu/hb/research</a></li></ul>
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# UAB Faculty Onboarding – Research Resources Guidebook

	<ul style="list-style-type: none"><li>• <b>Health Care Organization and Policy</b> <a href="http://www.soph.uab.edu/hcop">http://www.soph.uab.edu/hcop</a> <b>Health Policy Brief Series:</b> <a href="http://www.soph.uab.edu/health-policy-brief-series">http://www.soph.uab.edu/health-policy-brief-series</a> <b>Maternal &amp; Child Health Policy &amp; Leadership Program:</b> <a href="http://www.soph.uab.edu/hcop/mchpolicyleadership">http://www.soph.uab.edu/hcop/mchpolicyleadership</a></li></ul> <p><b>South Central Preparedness &amp; Emergency Response Learning Center (SCPERLC):</b> The SCPERLC was launched in 2010 to strengthen and improve the nation's public health, preparedness and response capabilities. This initiative continues a long history of collaboration with academic institutions, state and local health departments, and other emergency response partners, focusing on providing training and technical assistance to the public health workforce and other responder communities in Alabama, Louisiana, Mississippi, the Poarch Band of Creek Indians of Alabama, and the Mississippi Band of Choctaw Indians. <a href="http://www.southcentralpartnership.org/preparednesscenter">http://www.southcentralpartnership.org/preparednesscenter</a></p>
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## **Pharmaco-Epidemiology & Economics Research (PEER)**

**Group:** The PEER Group uses large administrative databases for epidemiological and economics research. A team of program managers, doctorate-level statisticians, and system analysts support the work of other investigators. The PEER Group has access to data that can be made available to other investigators with their own research questions. The group can either make the data available to researchers, or investigators can let PEER conduct the analysis for them — all at a cost that is a fraction of what it would be otherwise. The group is dedicated to rigorous, multidisciplinary data analysis intended to improve public health. They support the research and training missions of UAB and are capable of quick response times. The PEER Group's work has received support from the National Institutes of Health, Department of Health and Human Services, industry and non-profit groups.

<http://www.uab.edu/reporter/know-more/research/item/2734-peer-group-seeks-to-diversify-areas-of-expertise-with-uab-researchers>